

WHAT IS CLAIMED IS:

1. An element of globe block game for creating a portion of hollow globe-like body, each said element comprising:

a plurality of interfaces defining along with a pattern on the hollow globe-like body;

a relatively larger outer face boundary defined by the interfaces; and

a relatively smaller inner face boundary defined by the interfaces.

2. An element of globe block game according to claim 1 in which the surface within the relatively larger outer face boundary or the relatively smaller inner face boundary, is further processed by a known printing, engraving, embossing, gluing, laser carving, sand blasting, colored painting or chemical etching method, for creating a known or imaginary geographic information, star chart or picture thereon.

3. An element of globe block game according to claim 1 in which the pattern is a plurality of longitude and latitude lines, wherein the longitude and latitude lines having a predetermined dividing (N°).

4. An element of globe block game according to claim 3 in which the hollow globe-like body having a predetermined radius (R), a predetermined thickness ($T0$), and the relatively larger outer face boundary having a longitude edge ($H1$), and the relatively smaller inner face boundary having a longitude edge ($H2$), which are determined by :

$$H1 = (2 \pi R) (N^\circ) \div (360^\circ);$$

$$H2 = (2 \pi) (R-T0) (N^\circ) \div (360^\circ).$$

5. An element of globe block game according to claim 3 in which the hollow globe-like body having a predetermined radius (R), a predetermined

thickness (T0), and the relatively larger outer face boundary having a latitude edge (L1s) at a latitude that equals to the predetermined dividing (N°) multiplied by a predetermined number (S), and the relatively smaller inner face boundary having a latitude edge (L2s) at a latitude that equals to the predetermined dividing (N°) multiplied by the predetermined number (S), wherein the latitude edges are determined by:

$$L1s \div (2 \pi)(R)(\cosine(S \cdot N^{\circ}))(N^{\circ}) \div (360^{\circ}) ; \text{及}$$

$$L2s \div (2 \pi)(R-T0)(\cosine(S \cdot N^{\circ}))(N^{\circ}) \div (360^{\circ}).$$

6. An element of globe block game according to claim 3 in which the predetermined dividing (N°) is selectively ranged from 1° to 30°, so that is referable to a known world atlas with the longitude and latitude lines which having a dividing as same as the predetermined dividing (N°).

7. An element of globe block game according to claim 3 in which the predetermined dividing (N°) is 5°, so that is referable to a known world atlas with the longitude and latitude lines which having a dividing as same as the predetermined dividing (N°).

8. An element of globe block game according to claim 3 in which the predetermined dividing (N°) is 10°, so that is referable to a known world atlas with the longitude and latitude lines which having a dividing as same as the predetermined dividing (N°).

9. An element of globe block game according to claim 3 in which the predetermined dividing (N°) is 15°, so that is referable to a known world atlas with the longitude and latitude lines which having a dividing as same as the predetermined dividing (N°).

10. An element of globe block game according to claim 1, further comprising a known connector disposed on the interfaces for connecting the element.
11. An element of globe block game according to claim 10, wherein the
5 known connector is a layer of adhesive material.
12. An element of globe block game according to claim 10, wherein the connector is a part of a known male/female connectors.
13. An element of globe block game according to claim 10, wherein the connector is a part of a known magnetic coupling elements.
- 10 14. An element of globe block game according to claim 1, wherein the face between the relatively larger outer face boundary further comprising a connector for connecting an extra geographic item, celestial information or picture item.
- 15 15. An element of globe block game according to claim 1, wherein the element is using to create a portion of the globe-like body for combined with a portion of a book shelf, so as to provide a function of globe block game to the bookshelf.
16. An element of globe block game according to claim 1, wherein the element is using to create a portion of the globe-like body for combined with
20 a game table or a board.
17. An element of globe block game for creating a portion of hollow globe-like body, each said element is a shell-like body comprising:
a plurality of interfaces defining along with a pattern on the hollow globe-like body;
25 a relatively larger outer face boundary defined by the interfaces; and

a relatively smaller inner face boundary defined by the interfaces.

18. An element of globe block game according to claim 17, in which the shell-like body is made from a plastic, metal, cloth, leather, wooden, paper or any combination layers therebetween; wherein the surface between the relatively larger outer face boundary or the relatively smaller inner face boundary, is further processed by a known printing, engraving, embossing, gluing, laser carving, sand blasting, colored painting or chemical etching methods, for creating a known or imaginary geographic information, star chart or picture thereon.

19. An element of globe block game according to claim 17, in which the hollow globe-like body having a predetermined radius (**R**), a predetermined thickness (**T0**), and the relatively larger outer face boundary having a longitude edge (**H1**), and the relatively smaller inner face boundary having a longitude edge (**H2**), which are determined by :

$$H1 = (2 \pi R) (N^\circ) \div (360^\circ);$$

$$H2 = (2 \pi) (R-T0) (N^\circ) \div (360^\circ).$$

20. An element of globe block game according to claim 17, in which the hollow globe-like body having a predetermined radius (**R**), a predetermined thickness (**T0**), and the relatively larger outer face boundary having a latitude edge (**L1s**) at a latitude that equals to the predetermined dividing (**N°**) multiplied by a predetermined number (**S**), and the relatively smaller inner face boundary having a latitude edge (**L2s**) at a latitude that equals to the predetermined dividing (**N°**) multiplied by the predetermined number (**S**), wherein the latitude edges are determined by:

$$L1s \div (2 \pi)(R)(\cosine(S \cdot N^\circ))(N^\circ) \div (360^\circ) ; \text{及}$$

$$L2s \div (2 \pi)(R-T0)(\cosine(S \cdot N^\circ))(N^\circ) \div (360^\circ).$$